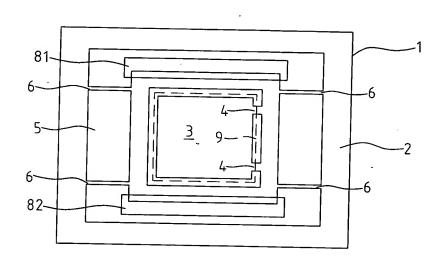
Serial No.: 10/699,490 Docket No: 03222-URS
Inventor: Shyu-Mou Chen, Sheau-Shi Tzuoo and Chung-Ta Kau

Silicon Dual Inertial Sensors





y, vibration direction x, rotation rate direction

× coriolis force direction

FIG. 1

(c) ·

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Title: Silicon Dual Inertial Sensors

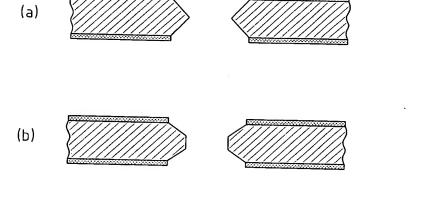
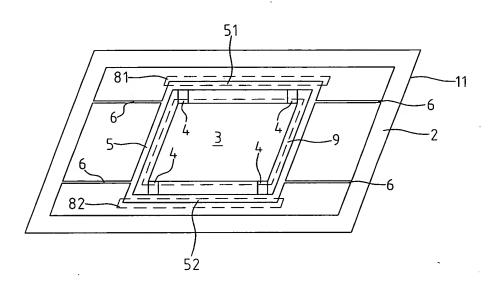


FIG. 2

(d)

(e)



y, vibration direction - x, rotation rate direction

 $\widehat{\times}$  coriolis force direction

FIG. 3

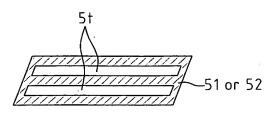


FIG. 4a

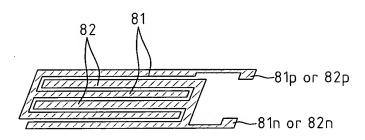


FIG. 4b

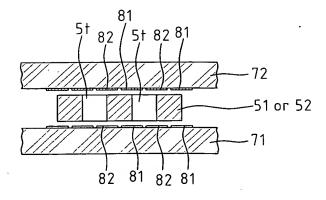
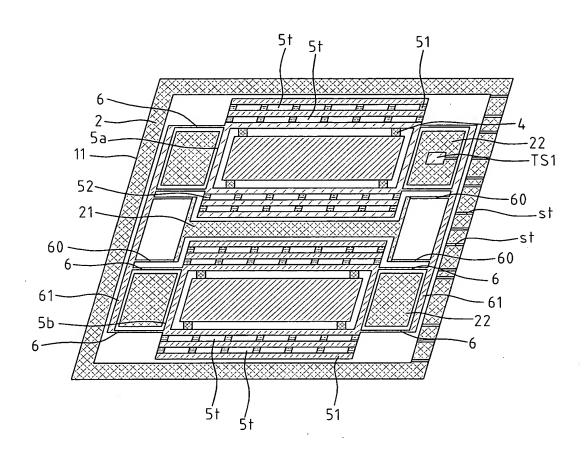


FIG. 4c

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Title: Silicon Dual Inertial Sensors



y, vibration direction x, rotation rate direction

 $(\times)$  coriolis force direction

FIG. 5a

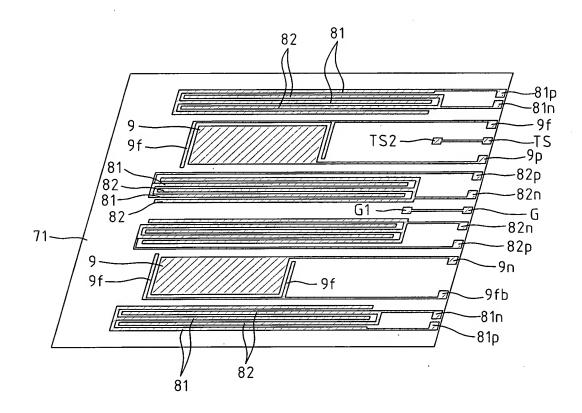


FIG. 5b

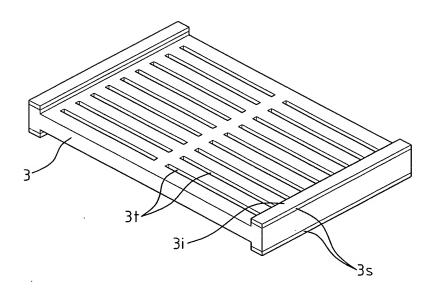


FIG. 6